



Kentucky Agricultural Statistics Service
P.O. Box 1120
Louisville, Kentucky 40201-1120
(502) 582-5293 or 1-800-928-5277

KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, State Statistician

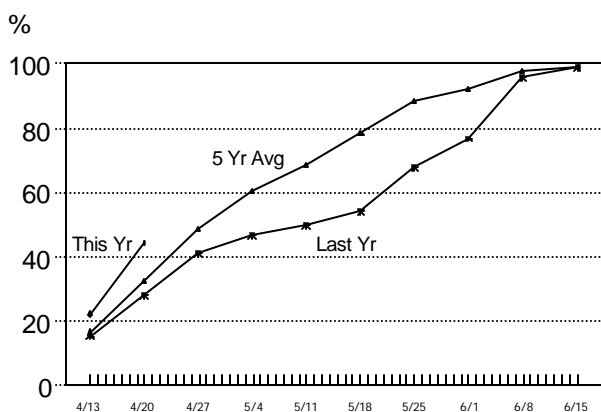
Issued 4:00 P.M., April 21, 2003

JSL 4-03

AGRICULTURAL NEWS: The week started off warm and sunny which helped to dry out fields for planting. Rain in the middle of the week hampered farmers efforts to work in the fields. Temperatures averaged 66 degrees, 9 degrees above normal and 14 degrees above the previous week's average. Rainfall totaled 0.98 inches statewide. **Topsoil moisture**, as of Friday, April 18 was rated 2 percent short, 65 percent adequate, and 33 percent surplus. **Subsoil moisture**, was rated 3 percent short, 72 percent adequate, and 25 percent surplus. Farmers reported slight damage to fruit production from the last frost a few weeks ago. Days suitable for fieldwork averaged 4.2 out of a possible 7 days. Primary farming activities included preparing fields for planting, repairing fences and spraying burn down for no-till corn.

SMALL GRAINS: As of Friday, April 18 wheat condition was 1 percent very poor, 3 percent poor, 20 percent fair, 48 percent good, and 28 percent excellent. Barley was rated 1 percent very poor, 3 percent poor, 20 percent fair, 55 percent good, and 21 percent excellent. Reports indicated wheat is still in good shape despite two weeks of wet weather.

CORN PLANTING PROGRESS

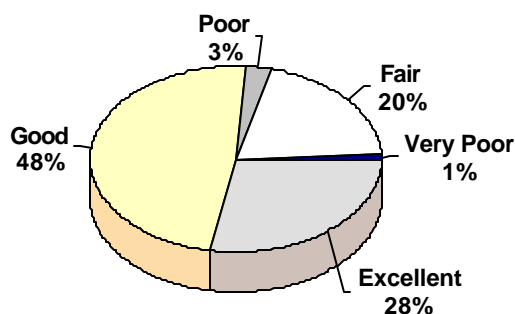


TOBACCO: Plant bed and greenhouse seeding was 91 percent complete by Sunday, April 20. This was 7 percent behind last year and 5 percent less than the average. Tobacco transplants had emerged on 68 percent of the seeded beds and flats, 14 percent behind last year, and 6 percent behind the five year average. Condition of transplants was 3 percent poor, 20 percent fair, 56 percent good, and 21 percent excellent.

CORN: A few days of dry weather and warmer temperatures allowed some farmers a short window to plant their crops between rain showers. Corn producers have seeded 44 percent of their acres, 16 percent ahead of last year and 11 percent above the average. Corn has been slow to emerge due to the cool weather.

LEGUMES AND PASTURES: Pasture condition was rated 1 percent very poor, 4 percent poor, 24 percent fair, 52 percent good, and 19 percent excellent. Farmers were also busy seeding pastures and hay fields last week. The average height of alfalfa as of Friday, April 18 was 11 inches.

WHEAT CONDITION (Apr 18)



KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 20, 2003

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	91	98	96	85	NA
Emerged	68	82	74	49	NA
Corn					
Planted	44	28	33	22	5

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING APRIL 18, 2003

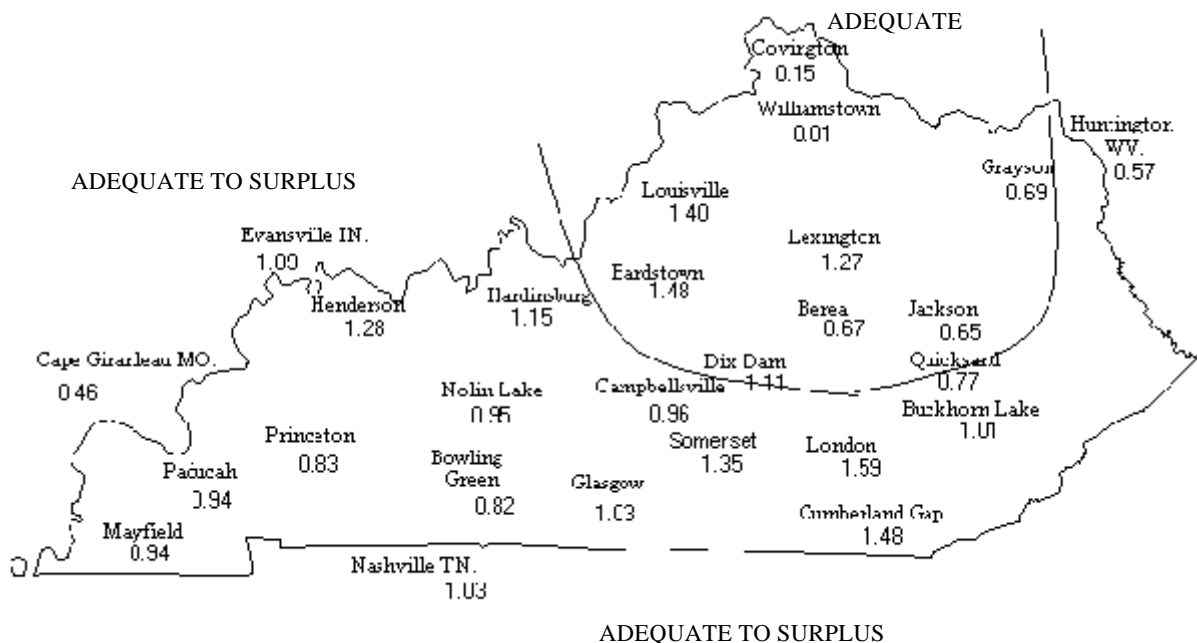
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	0	0
Short	2	1
Adequate	65	52
Surplus	33	47
SUBSOIL		
Very Short	0	0
Short	3	2
Adequate	72	65
Surplus	25	33

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 18, 2003					WEEK ENDING APRIL 11, 2003				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Wheat	1	3	20	48	28	0	4	20	55	21
Barley	1	3	20	55	21	0	3	26	52	19
Pasture	1	4	24	52	19	0	5	23	53	19
Tobacco Transplants	0	3	20	56	21	-	-	-	-	-

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 20, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 18, 2003



KENTUCKY WEATHER SUMMARY, APRIL 14 - 20, 2003:

ABOVE NORMAL TEMPERATURES AND NEAR NORMAL RAINFALL:

With much the same situation as last week, a surface low pressure system, and its associated cutoff upper level low combined, resulting in a very slow-moving rainmaker over much of the State, interrupting field operations. Rainfall began in the Western sections of the State on Thursday, and had spread across the entire State by Friday, before it finally ended in the East by Saturday morning. A gradual warming trend occurred through mid-week, with cooler temperatures on Thursday and Friday, before rebounding back into the 70s and low 80s for the weekend.

Temperatures for the period averaged 66 degrees across the State which was 9 degrees above normal, and 14 degrees warmer than the previous week. High temperatures averaged from 77 in the West to 78 in the East. Departure from normal high temperatures ranged from 5 degrees above normal in the West to 11 degrees above normal in the East. Low temperatures averaged from 54 degrees in the West to 53 degrees in the East. Departure from normal low temperature ranged from 7 degrees above normal in the West to 7 degrees above normal in the East. The extreme high was 85 at Paducah (and several other locations). The extreme low for the week was 38 degrees at London.

Precipitation (liq. equ.) for the period totaled 0.98 inches statewide which was near normal. Precipitation totals by climate division, West 0.92 inches, Central 1.14 inches, Bluegrass 0.84 inches and East 1.01 inches, which was -0.15, +0.13, -0.10 and +0.09 inches respectively from normal. By station, precipitation totals ranged from a low of 0.15 inches at Covington to a high of 1.59 inches at London.

Tom Priddy

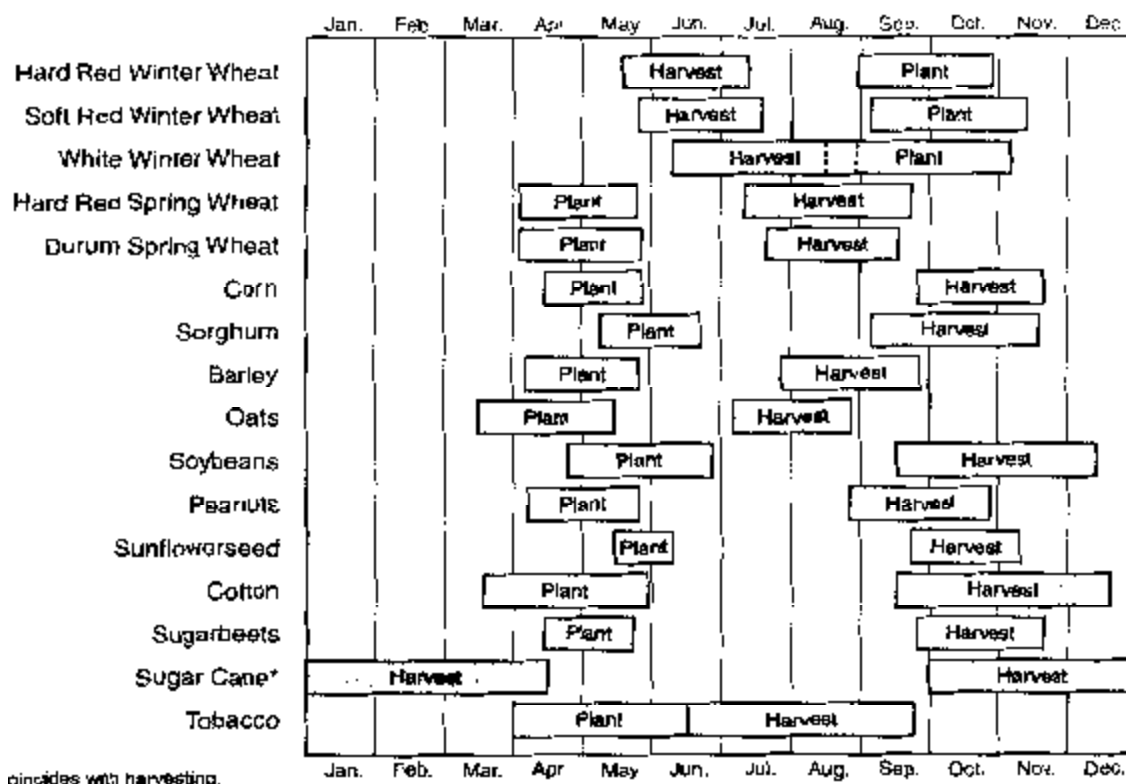
KENTUCKY TEMPERATURES AND RAINFALL

FOR WEEK ENDING SUNDAY, APRIL 20, 7:00 P.M.

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. Grass		Air		Wkly. Avg	Deviation From Normal
				High	Low	High	Low		
(Inches)			(Degrees Fahrenheit)						
Bardstown	1.48	15.87	+2.81	63	52	81	41	64.0	+7
Berea	0.67	15.58	+2.69	66	52	83	40	67.1	+11
Bowling Green	0.82	11.65	-4.28	--	--	84	44	67.1	+10
Bristol	1.63	16.74	+4.17	--	--	79	38	60.4	+5
Buckhorn Lake	1.01	16.76	+2.79	--	--	82	45	65.9	+10
Cape Girardeau	0.46	7.49	-6.71	--	--	83	45	64.5	+5
Campbellsville	0.96	17.09	+1.40	60	51	84	42	67.2	+10
Covington	0.15	7.48	-4.54	--	--	81	45	63.8	+8
Cumberland Gap	1.48	17.68	+1.58	63	53	81	40	62.6	+7
Dix Dam	1.11	14.13	+0.60	--	--	81	40	65.0	+9
Evansville	1.09	10.73	-2.44	--	--	82	44	63.1	+4
Glasgow	1.03	17.37	+1.23	58	51	85	43	68.4	+11
Grayson	0.69	11.73	+0.15	63	53	82	40	64.7	+9
Hardinsburg	1.15	14.86	+0.02	64	52	86	47	66.9	+10
Henderson	1.28	14.07	+0.35	65	57	83	47	66.9	+7
Huntington	0.57	11.64	+0.13	--	--	83	39	64.6	+9
Jackson	0.65	15.19	+1.23	--	--	82	49	67.1	+11
Lexington	1.27	10.38	-2.68	--	--	80	39	63.6	+8
London	1.59	16.53	+2.42	--	--	82	38	63.4	+8
Louisville	1.40	11.64	-2.00	--	--	83	41	65.6	+8
Mayfield	0.94	8.44	-8.71	63	53	82	43	65.4	+6
Nashville	1.03	14.58	-0.59	--	--	84	48	67.4	+10
Nolin Lake	0.95	13.71	-1.33	--	--	84	45	67.3	+10
Paducah	0.94	11.73	-3.70	62	39	85	48	65.6	+6
Princeton	0.83	14.77	-1.60	65	59	85	48	68.0	+9
Quicksand	0.77	15.92	+1.96	67	53	82	48	67.3	+12
Somerset	1.35	18.29	+3.30	62	53	83	40	65.3	+10
Spindletop	1.02	9.32	-3.74	61	50	79	42	63.6	+8
Williamstown	0.81	8.60	-4.18	67	52	81	47	66.0	+10

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

PLANTING AND HARVESTING CALENDAR FOR MOST MAJOR U.S. CROP AREAS ^{1/}



* Planting coincides with harvesting.

^{1/} Represents areas where production is concentrated, but not full spectrum of planting and harvesting periods for each crop.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to nass-state-releases@news.usda.gov with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word **unsubscribe**.